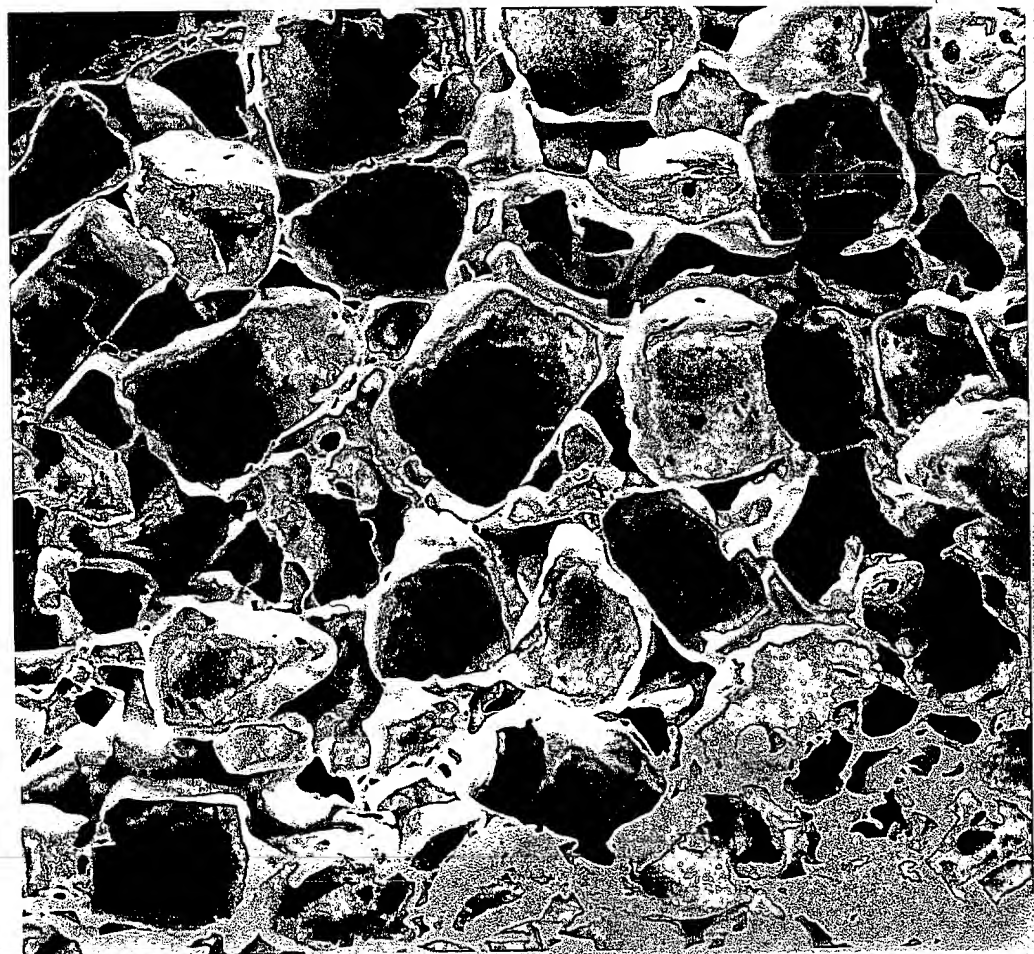
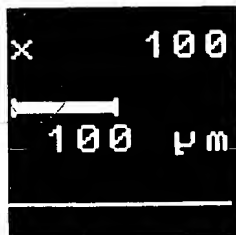


A x 100

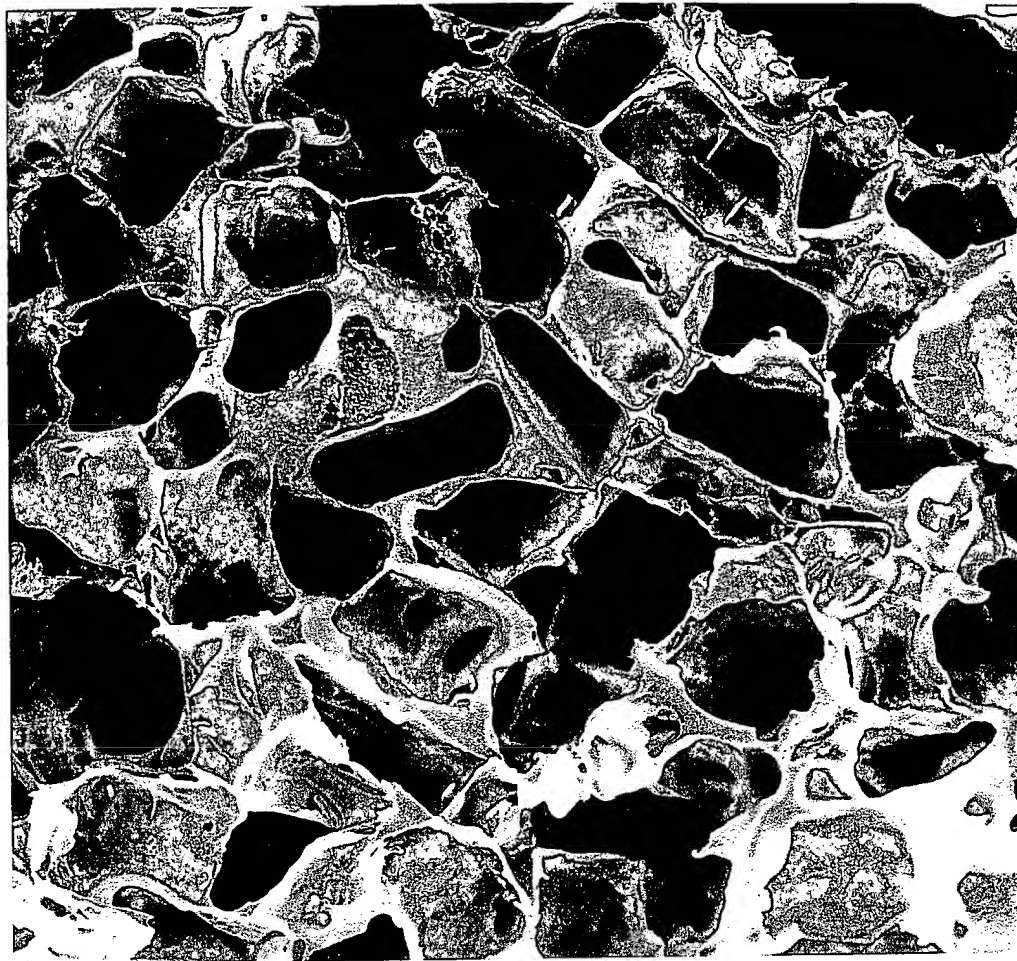
Comparison of the Matrix structure manufactured by two techniques:

according to our patent application

accordind to the technique of Valentini
PCT-Patent WO 97/45532 ("D2")



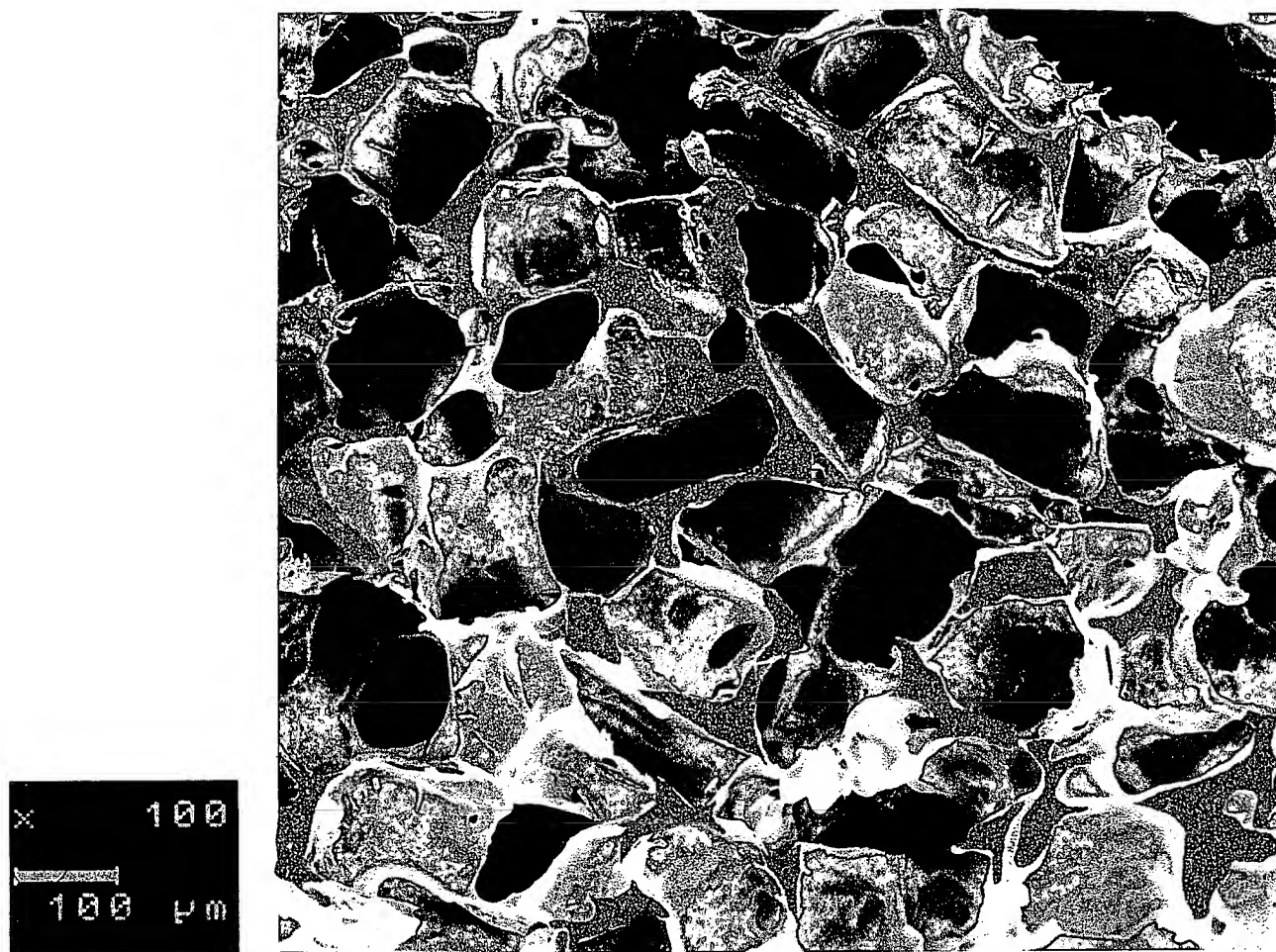
thin pore walls, numerous large secondary pores



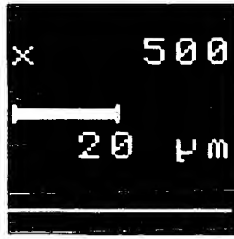
thick pore walls, almost no secondary pores

Scaffold in cross - section

A (Supplement)



Filled pore intersitces in the scaffold manufactured according to Valentini

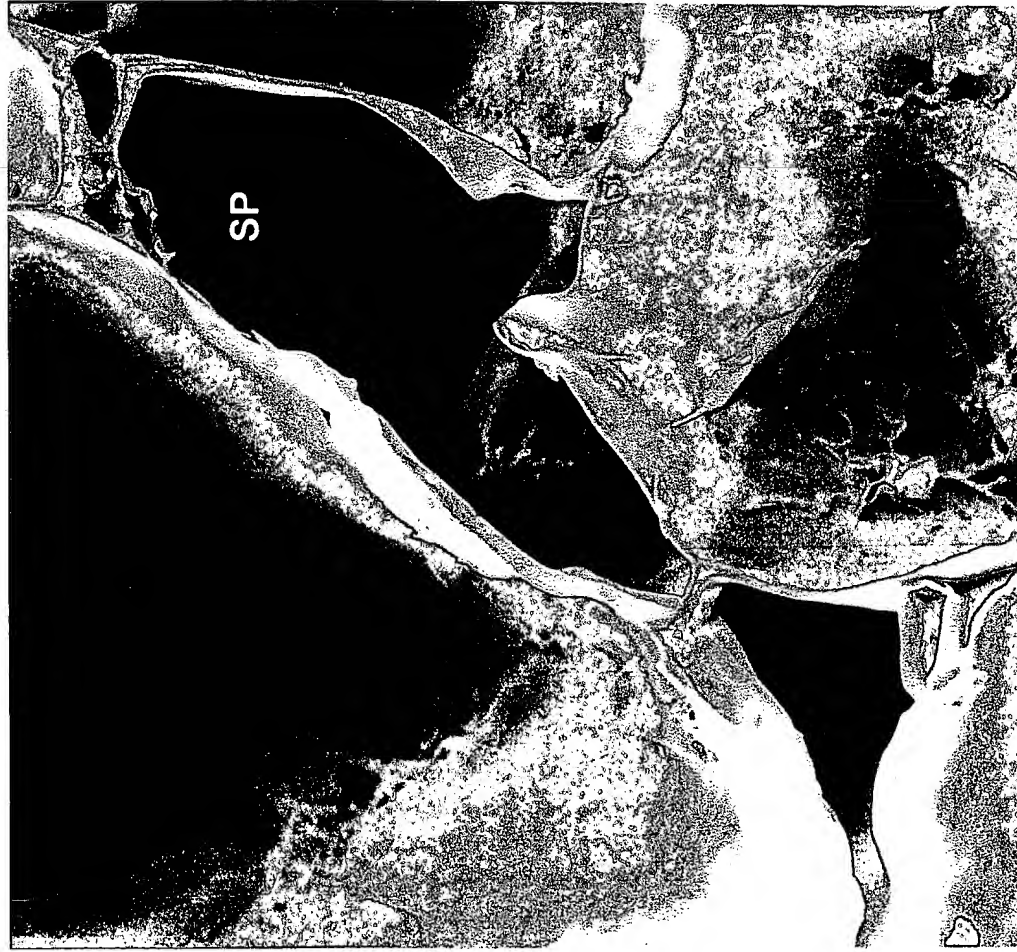


Comparison of the Matrix structure manufactured by two techniques:

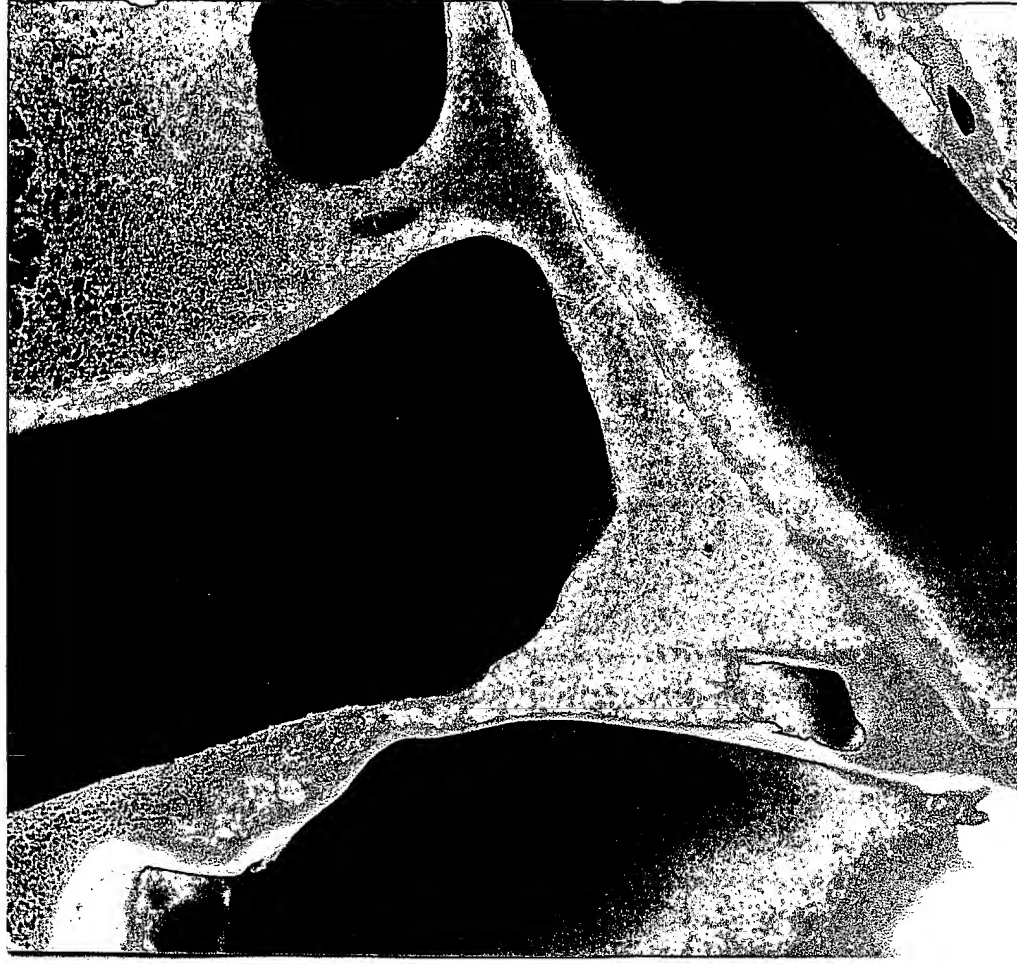
according to our patent application

according to the technique of Valentini
PCT-Patent WO 97/45532 ("D2")

B x 500

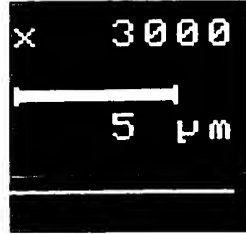


thin pore walls, large secondary pores (SP)



thick pore walls, almost no secondary pores

Scaffold in cross-section.

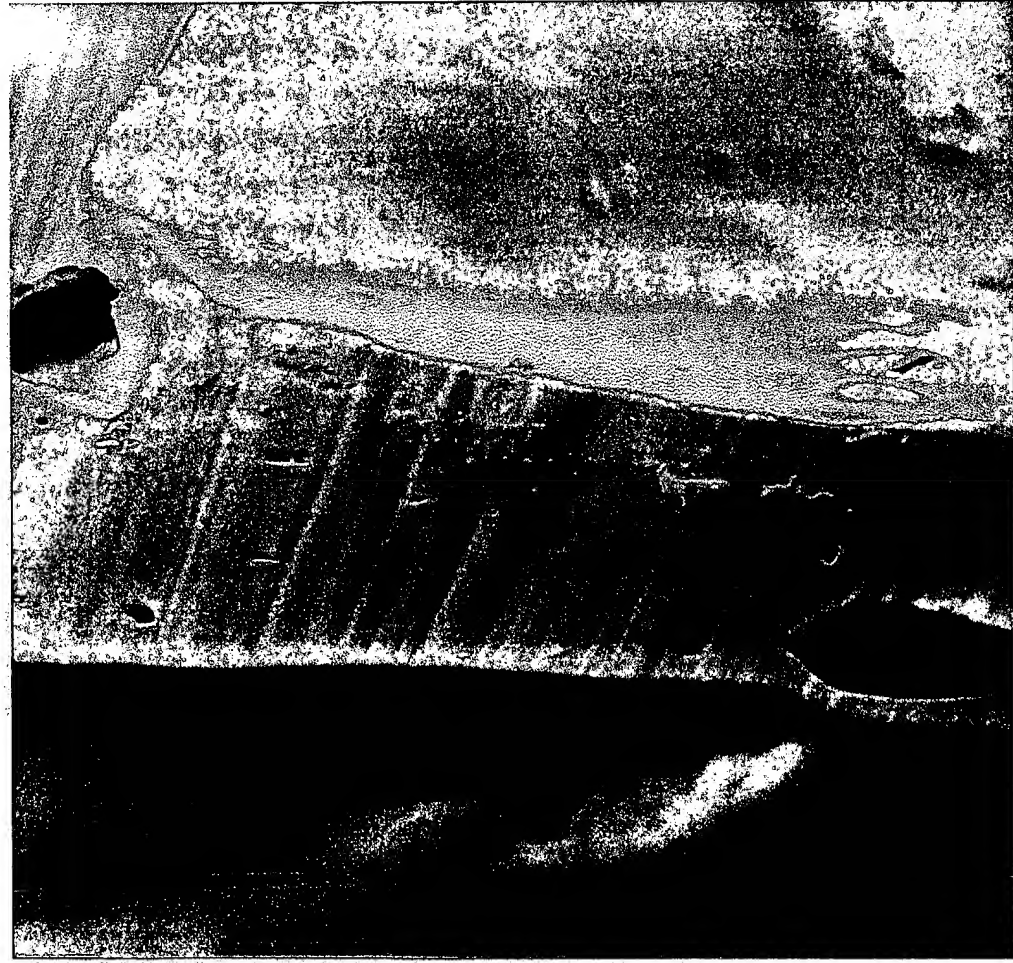


C x3000

Comparison of the Matrix structure manufactured by two techniques:

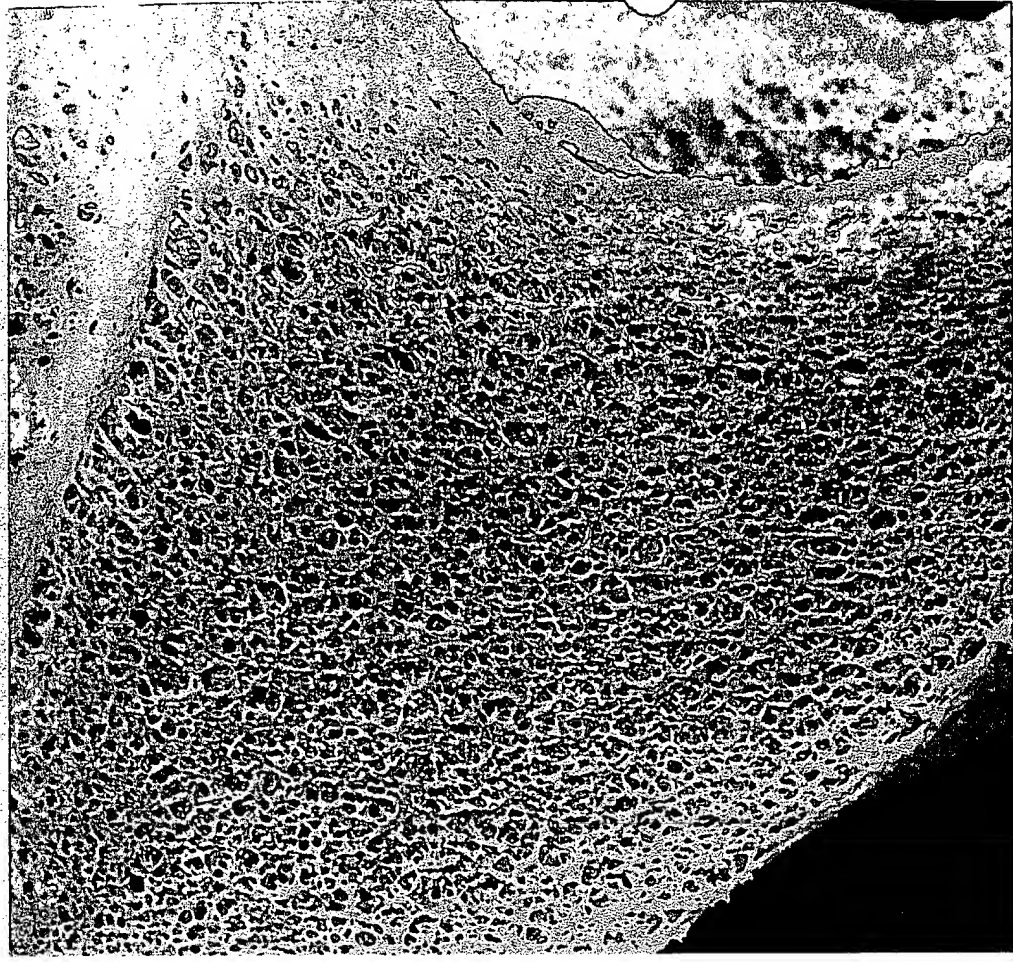
according to our patent application

according to the technique of Valentini
PCT-Patent WO 97/45532 ("D2")



Scaffold in cross - section

Section and the surface of the pore wall smooth and compact



Section and the surface of the pore wall show extensive microporosity